

Ms. Heidi Shyu

*Raytheon Space & Airborne Systems
Chair, USAF Scientific Advisory Board*



EDUCATION

University of California, Los Angeles

Engineer Degree, Electrical Engineering, 1982

M.S., Electrical Engineering, 1981

University of Toronto, Canada

M.S., Mathematics, 1977

University of New Brunswick, Canada

B.S., Mathematics, 1976

WORK EXPERIENCE

Raytheon Company

Vice President and Technical Director, 2004 - Present

Vice President, Unmanned and Reconnaissance Systems, 2002 - 2003

Senior Director, Joint Strike Fighter, 2001

Director, Joint Strike Fighter Integrated Radar/EW, 1999 - 2001

Director, Joint Strike Fighter Antenna Technology, 1997 - 1999

Laboratory Manager, Electromagnetic Systems, 1995 - 1997

Project Manager, Low Cost Radar, 1992 - 1994

Litton Industries

Senior Staff, Near IR Octane Analyzer, 1990 - 1991

Grumman Corporation

Principal Engineer, JSTARS Self Defense Study, 1989 - 1990

Hughes Aircraft Company

Scientist/Engineer, F-15 and F/A-18 ECCM Development, 1987 - 1989

Senior Staff, F-15 ECCM Development, 1985 - 1987

Staff Engineer, FLEXAR Detection and Tracking, 1983 - 1985

Member of Technical Staff, F-14 Detection, Tracking, Data Link, 1978 - 1983

AREAS OF EXPERTISE

Technology planning and development of antenna technologies, low observable technology, active array radar systems, electronic counter-counter measures (ECCM) algorithm development, electronic self-defense systems, detection, tracking of radar systems.